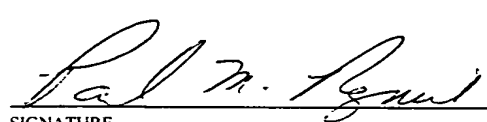


Form PTO-1390 (REV 10-95)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 388-991024
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371			U.S. APPLICATION NO. (If known, add COR 1, 2, 3) <b>09/508024</b>
INTERNATIONAL APPLICATION NO. PCT/JP98/03962	INTERNATIONAL FILING DATE 03.09.98 (September 3, 1998)	PRIORITY DATES CLAIMED 08.09.97, 31.10.97, 31.10.97, and 25.12.97	
TITLE OF INVENTION <b>FOCUS TYPE LONGITUDINAL WAVE ULTRASONIC PROBE AND ULTRASONIC FLAW EVALUATING APPARATUS FOR POLYMER MATERIAL INSPECTION</b>			
APPLICANT(S) FOR DO/EO/US <b>Toshimichi KITAOKA, Fumio INOUE, and Hiroki TODA</b>			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</li> <li><input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</li> <li><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))             <ol style="list-style-type: none"> <li><input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input checked="" type="checkbox"/> has been transmitted by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</li> <li><input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).</li> <li><input type="checkbox"/> have been transmitted by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li><input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p>Items 11. to 16. below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li><input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li><input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input checked="" type="checkbox"/> Other items or information:             <ol style="list-style-type: none"> <li>WO 99/13327-Front Page with Abstract and Search Report (2 pp.)</li> </ol> </li> </ol>			

U.S. APPLICATION NO. <b>09/508024</b>		INTERNATIONAL APPLICATION NO. PCT/JP98/03962		ATTORNEY'S DOCKET NUMBER 388-991024	
<div>17. <input checked="" type="checkbox"/> The following fees are submitted:</div> <div><div>BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)):</div><div>Search Report has been prepared by the EPO or JPO.....\$840.00</div><div>International preliminary examination fee paid to USPTO (37 CFR 1.482).....\$670.00</div><div>No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)).....\$760.00</div><div>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO.....\$970.00</div><div>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4).....\$96.00</div></div> <div>ENTER APPROPRIATE BASIC FEE AMOUNT =</div>				CALCULATIONS PTO USE ONLY	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 0.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	21 - 20	1	X \$18.00	\$ 18.00	
Independent claims	3 - 3 =	0	X \$78.00	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00	\$ 0.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 858.00	
Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).				\$ 0.00	
SUBTOTAL =				\$ 858.00	
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 0.00	
TOTAL NATIONAL FEE =				\$ 858.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00	
TOTAL FEES ENCLOSED =				\$ 898.00	
				Amount to be: refunded	\$
				charged	\$
<div>a. <input checked="" type="checkbox"/> A check in the amount of \$ <b>898.00</b> to cover the above fees is enclosed.</div> <div>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</div> <div>c. <input checked="" type="checkbox"/> The Assistant Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>23-0650</u>. A duplicate copy of this sheet is enclosed.</div> <div>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</div> <div>SEND ALL CORRESPONDENCE TO: Russell D. Orkin 700 Koppers Building 436 Seventh Avenue Pittsburgh, Pennsylvania 15219-1818 Telephone: (412) 471-8815 Facsimile: (412) 471-4094</div> <div> SIGNATURE Paul M. Reznick NAME 33,059 REGISTRATION NUMBER</div>					

PATENT APPLICATION/PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

TOSHIMICHI KITAOKA,  
FUMIO INOUE, and  
HIROKI TODA

388-991024

PCT/JP98/03962

ENTITLED

"FOCUS TYPE LONGITUDINAL WAVE ULTRASONIC PROBE AND ULTRASONIC  
FLAW EVALUATING APPARATUS FOR POLYMER MATERIAL INSPECTION"

To BOX PCT

Attention: DO/EO/US

Assistant Commissioner for Patents  
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" Label Number EL426956412US

Date of Deposit March 6, 2000

I hereby certify that the following attached paper or fee

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A  
FILING UNDER 35 U.S.C. 371 (original and two (2) copies)  
and check in amount of \$898.00 for filing fee  
and Assignment recordal fee

is being deposited with the United States Postal Service "Express  
Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on  
the date indicated above and is addressed to the Assistant  
Commissioner for Patents, Washington, D.C. 20231.

Kara A. Toward

(Typed name of person mailing paper or fee)

Kara A. Toward

(Signature of person mailing paper or fee)

09/508024  
428 Recd PCT/PTO 06 MAR 2000

PATENT APPLICATION/PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

TOSHIMICHI KITAOKA,  
FUMIO INOUE, and  
HIROKI TODA

388-991024

PCT/JP98/03962

ENTITLED

"FOCUS TYPE LONGITUDINAL WAVE ULTRASONIC PROBE AND ULTRASONIC  
FLAW EVALUATING APPARATUS FOR POLYMER MATERIAL INSPECTION"

To BOX PCT

Attention: DO/EO/US

Assistant Commissioner for Patents  
Washington, D.C. 20231

**EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number EL426956412US

Date of Deposit March 6, 2000

I hereby certify that the following attached paper or fee

**PRELIMINARY AMENDMENT**

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Kara A. Toward

(Typed name of person mailing paper or fee)

Kara A. Toward

(Signature of person mailing paper or fee)

PATENT APPLICATION/PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

TOSHIMICHI KITAOKA,  
FUMIO INOUE, and  
HIROKI TODA

388-991024

PCT/JP98/03962

ENTITLED

"FOCUS TYPE LONGITUDINAL WAVE ULTRASONIC PROBE AND ULTRASONIC  
FLAW EVALUATING APPARATUS FOR POLYMER MATERIAL INSPECTION"

To BOX PCT

Attention: DO/EO/US

Assistant Commissioner for Patents  
Washington, D.C. 20231

**EXPRESS MAIL CERTIFICATE**

"Express Mail" Label Number EL426956412US

Date of Deposit March 6, 2000

I hereby certify that the following attached paper or fee

WO 99/13327 - FRONT PAGE WITH ABSTRACT (1 p.),  
and SEARCH REPORT (1 pp.)

is being deposited with the United States Postal Service "Express  
Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the  
date indicated above and is addressed to the Assistant Commissioner  
for Patents, Washington, D.C. 20231.

Kara A. Toward

(Typed name of person mailing paper or fee)

Kara A. Toward

(Signature of person mailing paper or fee)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

TOSHIMICHI KITAOKA,  
FUMIO INOUE, and  
HIROKI TODA

388-991024

PCT/JP98/03962

ENTITLED

"FOCUS TYPE LONGITUDINAL WAVE ULTRASONIC PROBE AND ULTRASONIC  
FLAW EVALUATING APPARATUS FOR POLYMER MATERIAL INSPECTION"

To BOX PCT

Attention: DO/EO/US

Assistant Commissioner for Patents  
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" Label Number EL426956412US

Date of Deposit March 6, 2000

I hereby certify that the following attached paper or fee

ENGLISH TRANSLATION OF APPLICATION INCLUDING  
SPECIFICATION (21 pp.), CLAIMS (3 pp.), ABSTRACT (1 p.),  
DECLARATION (2 pp.) AND DRAWINGS (8 pp.)

is being deposited with the United States Postal Service "Express  
Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the  
date indicated above and is addressed to the Assistant Commissioner  
for Patents, Washington, D.C. 20231.

Kara A. Toward

(Typed name of person mailing paper or fee)

Kara A. Toward

(Signature of person mailing paper or fee)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

ATTORNEY'S DOCKET NUMBER

TOSHIMICHI KITAOKA,  
FUMIO INOUE, and  
HIROKI TODA

388-991024

PCT/JP98/03962

ENTITLED

"FOCUS TYPE LONGITUDINAL WAVE ULTRASONIC PROBE AND ULTRASONIC  
FLAW EVALUATING APPARATUS FOR POLYMER MATERIAL INSPECTION"

To BOX PCT

Attention: DO/EO/US

Assistant Commissioner for Patents  
Washington, D.C. 20231

EXPRESS MAIL CERTIFICATE

"Express Mail" Label Number EL426956412US

Date of Deposit March 6, 2000

I hereby certify that the following attached paper or fee

RECORDATION FORM COVER SHEET (1 p.) AND ASSIGNMENT (2 pp.)

is being deposited with the United States Postal Service "Express  
Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the  
date indicated above and is addressed to the Assistant Commissioner  
for Patents, Washington, D.C. 20231.

Kara A. Toward

(Typed name of person mailing paper or fee)

Kara A. Toward

(Signature of person mailing paper or fee)